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# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   | 09/785,501        |
| Filing Date          | February 20, 2001 |
| First Named Inventor | Tomokazu KOMAZAKI |
| Examiner Name        | Barbara Summons   |
| Group / Art Unit     | 2817              |
| Attorney Docket No.  | 32011-169878      |

TOTAL AMOUNT OF PAYMENT (\$ ) 180.00

| <b>METHOD OF PAYMENT (check one)</b>   |                       |                |                       | <b>FEE CALCULATION (continued)</b>   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
|--|-----------------------|----------------|-----------------------|--|-----------------|----------------|-----------------|-----------------|-----------------------|----------|-----------------------|-----------------|----------|------------------------|-----|------|-----|-------------------------------------|-----|-----------------------------------|----|------|-----|---|-----|---------------------------------------|-----|------|-----|---------------------------|-----|--|-------|------|-------|--|----|--|------|--------------|------|--|--|------|------------|------|--------|---|--|------|-----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-------|------|-----|---|--|------|------|------|------|--|--|------|-----|------|-----|------------------|--|------|-----|------|-----|--|--|------|-----|------|-----|--------------------------|--|------|-------|------|-------|---|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|-------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|--------------------------------------|--|------|-----|------|-----|---|--------|------|----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|---------------------------|--|--|--|--|--|-----------------------------------|--|--|--|---------------------------|--|
| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 22-0261</p> <p>Deposit Account Name:</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>   |                       |                |                       | <p>3. ADDITIONAL FEES</p> <table><thead><tr><th>Fee Code</th><th>Large Entity Fee (\$)</th><th>Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2010</td><td>2255</td><td>1005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>25403</td><td>320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr><tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td>180.00</td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="4">*Reduced by Basic Filing Fee Paid</td><td colspan="2">SUBTOTAL (3) (\$ ) 180.00</td></tr></tbody></table> |                 |                |                 | Fee Code        | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid | 1051                   | 130 | 2051 | 65  | Surcharge - late filing fee or oath |     | 1052                              | 50 | 2052 | 25  | Surcharge - late provisional filing fee or cover sheet. |     | 1053                                  | 130 | 1053 | 130 | Non-English specification |     | 1812   | 2,520 | 1812 | 2,520 | For filing a request for reexamination |    | 1804   | 920* | 1804         | 920* | Requesting publication of SIR prior to Examiner action |  | 1805 | 1,840*     | 1805 | 1,840* | Requesting publication of SIR after Examiner action |  | 1251 | 110 | 2215 | 55 | Extension for reply within first month |  | 1252 | 420 | 2252 | 210 | Extension for reply within second month |  | 1253 | 950 | 2253 | 475 | Extension for reply within third month |  | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month |  | 1255 | 2010 | 2255 | 1005 | Extension for reply within fifth month |  | 1401 | 330 | 2401 | 165 | Notice of Appeal |  | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal |  | 1403 | 290 | 2403 | 145 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional |  | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) |  | 1502 | 480 | 2502 | 240 | Design issue fee |  | 1503 | 640 | 25403 | 320 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) |  | 1808 | 180 | 1808 | 180 | Submission of Information Disclosure Stmt | 180.00 | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  | *Reduced by Basic Filing Fee Paid |  |  |  | SUBTOTAL (3) (\$ ) 180.00 |  |
| Fee Code   | Large Entity Fee (\$) | Fee Code       | Small Entity Fee (\$) | Fee Description  | Fee Paid        |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1051   | 130                   | 2051           | 65                    | Surcharge - late filing fee or oath  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1052   | 50                    | 2052           | 25                    | Surcharge - late provisional filing fee or cover sheet.  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1053   | 130                   | 1053           | 130                   | Non-English specification  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1812   | 2,520                 | 1812           | 2,520                 | For filing a request for reexamination   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1804   | 920*                  | 1804           | 920*                  | Requesting publication of SIR prior to Examiner action   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1805   | 1,840*                | 1805           | 1,840*                | Requesting publication of SIR after Examiner action  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1251   | 110                   | 2215           | 55                    | Extension for reply within first month   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1252   | 420                   | 2252           | 210                   | Extension for reply within second month  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1253   | 950                   | 2253           | 475                   | Extension for reply within third month   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1254   | 1,480                 | 2254           | 740                   | Extension for reply within fourth month  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1255   | 2010                  | 2255           | 1005                  | Extension for reply within fifth month   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1401   | 330                   | 2401           | 165                   | Notice of Appeal   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1402   | 330                   | 2402           | 165                   | Filing a brief in support of an appeal   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1403   | 290                   | 2403           | 145                   | Request for oral hearing   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1451   | 1,510                 | 1451           | 1,510                 | Petition to institute a public use proceeding  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1452   | 110                   | 2452           | 55                    | Petition to revive - unavoidable   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1453   | 1,330                 | 2453           | 665                   | Petition to revive - unintentional   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1501   | 1,330                 | 2501           | 665                   | Utility issue fee (or reissue)   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1502   | 480                   | 2502           | 240                   | Design issue fee   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1503   | 640                   | 25403          | 320                   | Plant issue fee  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1460   | 130                   | 1460           | 130                   | Petitions to the Commissioner  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1807   | 50                    | 1807           | 50                    | Processing fee under 37 CFR 1.17 (q)   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1808   | 180                   | 1808           | 180                   | Submission of Information Disclosure Stmt  | 180.00          |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 8021   | 40                    | 8021           | 40                    | Recording each patent assignment per property (times number of properties)   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1809   | 770                   | 2809           | 385                   | Filing a submission after final rejection (37 CFR § 1.129(a))  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1810   | 770                   | 2810           | 385                   | For each additional invention to be examined (37 CFR § 1.129(b))   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1801   | 770                   | 2801           | 385                   | Request for Continued Examination (RCE)  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1802   | 900                   | 1802           | 900                   | Request for expedited examination of a design application  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| Other fee (specify) _____  |                       |                |                       |  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| *Reduced by Basic Filing Fee Paid  |                       |                |                       | SUBTOTAL (3) (\$ ) 180.00  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| <b>FEE CALCULATION</b>   |                       |                |                       |  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| <p>1. BASIC FILING FEE</p> <table><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$ ) 0.00</td></tr></tbody></table>   |                       |                |                       | Large Fee Code   | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid              | 1001     | 770                   | 2001            | 385      | Utility filing fee     |     | 1002 | 340 | 2002                                | 170 | Design filing fee                 |    | 1003 | 530 | 2003  | 265 | Plant filing fee                      |     | 1004 | 770 | 2004                      | 385 | Reissue filing fee                                 |       | 1005 | 160   | 2005                                   | 80 | Provisional filing fee                                     |      | SUBTOTAL (1) |      |  |  |      | (\$ ) 0.00 |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| Large Fee Code   | Entity Fee (\$)       | Small Fee Code | Entity Fee (\$)       | Fee Description  | Fee Paid        |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1001   | 770                   | 2001           | 385                   | Utility filing fee   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1002   | 340                   | 2002           | 170                   | Design filing fee  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1003   | 530                   | 2003           | 265                   | Plant filing fee   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1004   | 770                   | 2004           | 385                   | Reissue filing fee   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1005   | 160                   | 2005           | 80                    | Provisional filing fee   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| SUBTOTAL (1)   |                       |                |                       |  | (\$ ) 0.00      |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| <p>2. EXTRA CLAIM FEES</p> <p>Total Claims: <input type="text"/> - ** = <input type="text"/> X <input type="text"/> = <input type="text"/></p> <p>Independent Claims: <input type="text"/> - ** = <input type="text"/> X <input type="text"/> = <input type="text"/></p> <p>Multiple Dependent: <input type="text"/> X <input type="text"/> = <input type="text"/></p> <table><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>290</td><td>2204</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5">SUBTOTAL (2)</td><td>(\$ ) 0.00</td></tr></tbody></table> |                       |                |                       | Large Fee Code   | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid              | 1202     | 18                    | 2202            | 9        | Claims in excess of 20 |     | 1201 | 86  | 2201                                | 43  | Independent claims in excess of 3 |    | 1203 | 290 | 2204  | 145 | Multiple dependent claim, if not paid |     | 1204 | 86  | 2204                      | 43  | ** Reissue independent claims over original patent |       | 1205 | 18    | 2205                                   | 9  | ** Reissue claims in excess of 20 and over original patent |      | SUBTOTAL (2) |      |  |  |      | (\$ ) 0.00 |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| Large Fee Code   | Entity Fee (\$)       | Small Fee Code | Entity Fee (\$)       | Fee Description  | Fee Paid        |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1202   | 18                    | 2202           | 9                     | Claims in excess of 20   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1201   | 86                    | 2201           | 43                    | Independent claims in excess of 3  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1203   | 290                   | 2204           | 145                   | Multiple dependent claim, if not paid  |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1204   | 86                    | 2204           | 43                    | ** Reissue independent claims over original patent   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| 1205   | 18                    | 2205           | 9                     | ** Reissue claims in excess of 20 and over original patent   |                 |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |
| SUBTOTAL (2)   |                       |                |                       |  | (\$ ) 0.00      |                |                 |                 |                       |          |                       |                 |          |                        |     |      |     |                                     |     |                                   |    |      |     |   |     |                                       |     |      |     |                           |     |  |       |      |       |  |    |  |      |              |      |  |  |      |            |      |        |   |  |      |     |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |      |      |      |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |       |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                      |  |      |     |      |     |   |        |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |  |  |                                   |  |  |  |                           |  |

\*\*or number previously paid, if greater; For Reissues, see above

|                     |                  |                                 |                |
|---------------------|------------------|---------------------------------|----------------|
| <b>SUBMITTED BY</b> |                  | <b>Complete (if applicable)</b> |                |
| Name (Print/Type)   | James R. Burdett | Registration No. Attorney/Agent | 31,594         |
| Signature           |                  | Telephone                       | (202) 344-4000 |
|                     |                  | Date                            | March 17, 2004 |

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PC Docs No. 531846v1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Tomokazu KOMAZAKI

Application No.: 09/785,501

Confirmation No.: 9075

Filed: February 20, 2001

For: BRANCHING FILTER

Art Unit: 2817

Examiner: Barbara Summons

Atty. Docket No.: 32011-169878

Customer No.:

26694

PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(c)(2).

In order to comply with applicant's duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents which are listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the above-identified application. One copy of each of the listed documents is submitted herewith.

The instant Information Disclosure Statement is being filed after the mailing date of a first Office action on the merits, but before receipt of an action that closes prosecution in the application. Accordingly, pursuant to 37 C.F.R. § 1.97(c)(2), a fee of \$180.00 is attached.

In view of the above, no further translation or statement of relevance is required, and as all requirements of 37 C.F.R. § 1.97 and all official guide lines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the documents and make them of record.

03/18/2004 WARRHAM 00000053 09785501

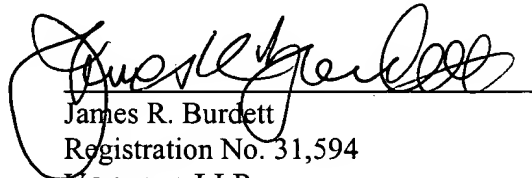
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Respectfully submitted,

Date: 3/17/2004

  
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|                        |                   |
|------------------------|-------------------|
| Application Number     | 09/785,501        |
| Filing Date            | February 20, 2001 |
| First Named Inventor   | Tomokazu KOMAZAKI |
| Group Art Unit         | 2817              |
| Examiner Name          | Barbara Summons   |
| Attorney Docket Number | 32011-169878      |

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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